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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/603,415 Confirmation No.: Unknown
First Named Inventor: Barton, Roger W. Filing Date: 24 June 2003
Group Art Unit: Unknown Examiner: Unknown
Atty. Docket No.: CT-S090-1D US Candescent Docket No.: CT-S090-1D
Title: Structure and Fabrication of Flat-Panel Display Having Spacer with
Rough Face for Inhibiting Secondary Electron Escape
Assignees: Candescent Technologies Corporation,
Candescent Intellectual Property Services, Inc., and
Advanced Technology Materials, Inc.

Mountain View, California
3 October 2003

COMMISSIONER FOR PATENTS
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. A copy of each listed document is enclosed. Also enclosed is a copy of an English abstract of Japanese Patent Publication 8-7811.

Further enclosed is a copy of the International Search Report on International Patent Application PCT/US99/29354 corresponding to U.S. patent application 09/210,085, the parent of the above application.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;

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2. a representation that a search has been made, other than as described herein;
or
3. an admission that the information cited herein is, or is considered to be,
material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is submitted under the provisions of
37 CFR 1.97(b).

EXPRESS MAIL LABEL NO.:

EV 337 115 680 US

Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Application No.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)		Confirmation No.	
Substitute Form PTO 1449				Barton, Roger W.		Unknown	
				Filing Date		Group	
				24 June 2003		Unknown	

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	BA	6,168,737	01/2001	Poco et al.	264	129	
	BB	6,222,313 B1	04/2001	Smith et al.	313	495	
	BC	6,353,280 B1	03/2002	Shibata et al.	313	292	
	BD						

Foreign Patent Documents							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	BE	8-7811	01/1990	Japan				X
	BF							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
BG	Balkenende et al., "High-Voltage Stability Coatings in the Zeus Panel," <u>Philips J. Res.</u> , Vol. 50, No. 314, 1996, pages 407 - 419	
BH	Brinker et al., "Review of sol-gel thin film formation," <u>J. Non-Crystalline Solids</u> , Vols. 147 and 148, 1992, pages 424 - 436	
BI	Brinker et al., "Sol-Gel Thin Film Formation," <u>J. Cer. Soc. Japan, Cent. Mem. Iss.</u> , Vol. 99, No. 10, 1991, pages 862 - 877	
BJ	Brinker, "Sol-Gel Derived Thin Films: Critical Issues," Sandia National Laboratories, Nat'l Tech. Info. Serv., 1986, 18 pages	
BK	Brinker, <u>Sol-Gel Science: The Physics and Chemistry of Sol-Gel Processing</u> (Academic Press), 1990, pages 787-837	
BL	Croitoru et al., "Effect of Composition and Structure Modification of SnO _x Films on the Electron Secondary Emission," <u>Thin Solid Films</u> , Vol. 116, 1984, pages 327 - 339	
BM	Croitoru et al., "Electrical Conductivity, Physical Density and Secondary Electron Emission of Transparent Conductors," <u>Thin Solid Films</u> , Vol. 125, 1985, pages 113 - 117	
BN	Furneaux et al., "The formation of controlled-porosity membranes from anodically oxidized aluminum," <u>Letters to Nature</u> , Vol. 337, No. 12, Jan. 1989, pages 147 - 149	
BO	Hart, <u>Organic Chemistry, A Short Course</u> (6th ed., Houghton Mifflin Co.), 1983, pages 15 - 17	
BP	Hench et al., "The Sol-Gel Process," <u>Chem. Rev.</u> , Vol. 90, No. 1, pages 33 - 72	
BQ	Hoffman, "Inorganic membrane filter for analytical separations," <u>American Laboratory</u> , Aug. 1989, pages 70 - 73	

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,652,467	03/1987	Brinker et al.	427	246	
	AB	4,946,592	08/1990	Galaj et al.	210	490	
	AC	5,103,288	04/1992	Sakamoto et al.	357	71	
	AD	5,227,691	07/1993	Murai et al.	313	422	
	AE	5,494,858	02/1996	Gnade et al.	437	231	
	AF	5,523,615	06/1996	Cho et al.	257	632	
	AC	5,541,473	07/1996	Duboc, Jr. et al.	313	422	
	AH	5,548,181	02/1996	Jones	313	309	
	AI	5,561,318	10/1996	Gnade et al.	257	638	
	AJ	5,564,959	10/1996	Spindt et al.	445	24	
	AK	5,598,056	01/1997	Jin et al.	313	495	
	AL	5,614,781	03/1997	Spindt et al.	313	422	
	AM	5,658,832	08/1997	Bernhardt et al.	264	272.11	
	AN	5,675,212	10/1997	Schmid et al.	313	422	
	AO	5,726,529	03/1998	Dean et al.	313	495	
	AP	5,731,660	03/1998	Jaskie et al.	313	495	
	AQ	5,760,538	06/1998	Mitsutake et al.	313	422	
	AR	5,859,502	01/1999	Spindt et al.	315	169.3	
	AS	5,872,424	02/1999	Spindt et al.	313	495	
	AT	5,936,343	08/1999	Fushimi et al.	313	495	
	AL	5,939,822	08/1999	Alderson	313	493	
	AV	5,985,067	11/1999	Schmid et al.	313	495	
	AW	5,990,614	11/1999	Spindt	313	495	
	AX	6,013,980	01/2000	Goel et al.	313	495	
	AY	6,013,981	01/2000	Spindt et al.	313	495	
	AZ	6,153,973	11/2000	Shibata et al.	313	495	

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
CA	Rittenmyer et al., "Piezoelectric 3-3 Composites," <u>Ferroelectrics</u> , Vol. 41, 1982, pages 189 – 195		
CB	Saggio-Woyansky et al., "Processing of Porous Ceramics," <u>American Ceramic Technology Society Bulletin</u> , Nov. 1992, pages 1674 - 1682		
CC	Seiler, "Secondary Electron Emission," <u>Electron Beam Interactions With Solids</u> , 1982, pages 33 – 42		
CD	Sherman et al., "Refractory Ceramic Foams: A Novel, New High-Temperature Structure," <u>Ceramic Bulletin</u> , Vol. 70, No. 6, 1991, pages 1025 – 1029		
CE	Thomas, "Optical coatings by the sol-gel process," <u>Optics News</u> , Aug. 1986, pages 18 – 22		
CF	"Work Function and Secondary Emission", <u>AIP Handbook</u> (3d ed., McGraw-Hill), 1972, page 9-183		
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CH			
CI			
CJ			
CK			
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CM			
CN			
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CP			
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